



## CORICAL

### MINERAL LIMEWASH

#### DESCRIPTION

CORICAL is a mineral, non-organic limewash for indoor and outdoor use, which gives a traditional matt finish. It is a ready mixed limewash containing only natural, pure, high-quality products.

#### APPLICATION AREA

Thanks to its intrinsic qualities, CORICAL is utmost resistant to atmospheric pollution and can as such be applied in the most severe climatic circumstances. CORICAL can be applied on all types of mineral substrates like bricks, natural stones, renders and plasters, etc.

Its mineral appearance and excellent light fastness, due to the use of natural pigments, make of CORICAL a very suitable paint for the restoration of historical sites and monuments, as well as for the application in contemporary architecture.

Furthermore, due to its typical mineral properties, CORICAL is utmost preferable for the use in a bio-ecological context.

#### PROPERTIES

CORICAL is known for its:

- matt and mineral appearance
- excellent light fastness
- high-coating capacity
- high vapour diffusion (99%)
- free of solvents
- anti-allergic
- non-flammable

Due to its high alkalinity, CORICAL can be applied immediately onto new renders, masonry joints, etc. CORICAL can also be applied in a transparent 'lasur' technique.

#### TECHNICAL DATA

Binder	lime putty
Mineral additives	crystalline carbonates
Solvent	water
Pigments	mineral pigments, resistant to UV-light, acids and weak alkalis
Specific gravity	1,67 kg/l (in function of colour)
Product subcategory (directive 2004/42/EC)	cat. A/a WB
VOC limit value	< 75 g/l (< 30 g/l from 01.01.2010)
VOC maximum content	< 2 g/l
Water vapour permeability ( $\mu$ )	12
pH-value	13
Fire resistance classification	non-flammable



Colour	white and 112 colour shades
Indicative consumption	0,270 l/m <sup>2</sup> or 4 - 6 m <sup>2</sup> /l in two layers
Packing	plastic buckets of 1 l, 5 l and 15 l
Storage in suitable environment	24 months
Drying (at 25°C)	repaintable after a minimum of 12 hours chargeable after a minimum of 48 hours hardened throughout after 28 days

## PREPARATION OF THE SUBSTRATE

Stable, clean surfaces - such as lime renders and plasters, limewashes as well as traditional masonry in brick or natural stone built with lime mortar - do not require any prior treatment. Powdery surfaces must be removed back to a sound substrate. Carry out any repairs and fillings of interior surfaces using CORIDECOR START or RASADDECOR filler and/or RASOCAL lime putty. For exterior applications use natural hydraulic lime mortars.

It is advisable to completely remove any previous synthetic coatings, especially for external applications, as well as any remaining adhesives such as wallpaper paste, for instance. If these are not entirely removed, sand down the surface until a matt appearance is obtained, then clean it with a solution of about 3% ammonia. Unstable backgrounds and backgrounds with uneven absorption should be stabilised with CORIFONDO sealer.

**Never apply a primer coat of CORIFONDO externally on solid walls without a cavity.**

When surfaces are very dry and in high temperatures, we recommend that the surfaces be dampened prior to application of the first coat of CORICAL limewash.

## APPLICATION

Mix the limewash thoroughly before use. Apply the limewash with airless (diluted with 30 to 40 % of water / nozzle 0,79mm), a rectangular brush or a short-bristle roller, depending on the desired result. Application using a rectangular brush enhances the natural nuances and effects of the limewash. It is possible to work in large stripes of 80 to 100 cm in width, or even by motions in multi directions applied to the wall at random, to obtain a moiré effect.

On dry surfaces, apply two successive coats. Dilute the first coat with 20 to 50% of water, the second with 5 to 10% water. For frescoes, in case of fairly damp lime plaster and lime renders, apply three coats. Dilute the first coat with 80% of water, the second with 50% water, and the third with 30% water. Drying time between coats: 12 hours.

Do not apply CORICAL limewash to surfaces exposed to strong winds or direct sunlight, nor in case of heavy fog or temperatures under +5°C or over +30°C. Immediately clean tools in water.

## CONSUMPTION

Indicative consumption: 0,270 l/m<sup>2</sup> in two layers.

The average coverage per litre of limewash amounts 4 to 6 m<sup>2</sup> in two layers.



## **PACKING AND STORAGE**

Plastic buckets of 1 litre, 5 litres and 15 litres.

The stability of the silicate paint is at least 24 months provided being stored in airtight closed containers and suitable environmental conditions. Store in a cool and dry environment, outside the reach of frost and direct sunlight. Protect from heat sources.

## **SAFETY PRECAUTIONS**

Irritating to skin. Risk of serious damage to eyes. Avoid contact with skin and eyes. Wear a suitable protection upon application, as well as safety goggles and impermeable protection gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show this container or label.

Cover glass, ceramic, metal and stone surfaces and window frames, which should not be painted, with impermeable membranes. Stains should be removed immediately. Keep away from children. Do not litter.

## **REMARKS**

The current data sheet replaces any previous version.

Our advice and information are given in good faith and depending on the latest developments of our products. We guarantee the consistent quality of our products, but do not accept any liability concerning their application. In any case, we do recommend to consider the type of substrate and the climatic conditions before applying our products or to apply a test surface in order to analyse the suitability of the product for the given substrate.

In case of doubt regarding the substrate, consult our technical service department.